

Recombinant Human PCKT3 (CDK18)/CyclinY (N-GST tag)

Cat No:HR2R1829

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PCKT3/Cyclin Y
Gene ID	N/A
Accession	BC011526, NM_145012
Alternative Name	PCKT3: PCKTAIRE, PCKTAIRE3 CyclinY: CCNY; C10orf9; CBCP1; CCNX; CFP1
Species	Human
Source	Insect cells
Description	PCKT3 or PCKTAIRE protein kinase 3 is a member of the cdc2/cdkx subfamily of the ser/thr family of protein kinases. PCKT3 is thought to play a role in terminally differentiated neurons and it contains an N-terminal extension relative to CDC2 . PCKT3 is expressed in a variety of human cell lines and tissues . Elevation in the protein levels of PCKTAIRE 3 in the temporal cortex of Alzheimer's disease relative to control brains, have been observed. It is proposed that PCKTAIRE 3 is a paired helical filaments-associated kinase that modulates tau phosphorylation.
Functions	The specific activity of PCKT3 (CDK18)/CyclinY was determined to be 46 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, , pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	76
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.